

Plastic distribution box ESP6 series (M12 socket, with M12 plug connector)

Description:			
Plastic housing, distributed design, 6-way, single signal.			
Features:			
<ul style="list-style-type: none"> Optional output (PNP/NPN) LED indicator and high protection class IP67 Standard 3m PUR cable for M12 connector, optional cable material and length 			
Type List	<table border="1"> <tr> <th>ESP6-12-2P-Q12</th> <th>ESP6-12-2N-Q12</th> </tr> </table>	ESP6-12-2P-Q12	ESP6-12-2N-Q12
ESP6-12-2P-Q12	ESP6-12-2N-Q12		
Technical Data			
Output Function	1 signal		
Output Type	PNP / NPN		
Connection for Sensors/Actuators	4-pin M12 female		
Locking Sockets	Threaded M12x1		
Dimensions	Fig. 1		
Pin Assignment	Fig. 2		
Wiring Diagram	Fig. 6 / Fig. 7		
Supply Voltage	10...30VDC (24VDC)		
Supply Voltage Indicator	LED green		
I/O Channels	6		
Signals per Port	1		
Status Indicators	LED yellow		
Operating Current	Max. 1.5A / per contact		
Current Parameter	Max. 1.5A		
	Please do not operate cables above max. load capacity.		
Housing Material	Plastic / PC + ABS		
Protection Class	IP67		
Temperature Range	-40...+80°C		
Resistance	Good resistance against chemicals and oils. The resistance to aggressive media should be individually verified for your application.		
Connector	M12(12pins)		
Dimensions			
Fig. 1			
Pin Assignment			
Fig. 2			

Accessories of Distribution Box -Connector																												
Type List	<table border="1"> <tr> <th>CO12.12-3 / P</th> <th>CBO12.12-3 / P</th> </tr> </table>		CO12.12-3 / P	CBO12.12-3 / P																								
CO12.12-3 / P	CBO12.12-3 / P																											
Type	Straight pre-wired connector / Angled pre-wired connector																											
Description	Standard PUR / PP Bending≥5 million																											
Cable Material	3m																											
Cable Length	Fig. 3 / Fig. 4																											
Dimensions	Fig. 5																											
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Pin Assignment		<table border="1"> <thead> <tr> <th>12-pin M12 Male</th> <th>Suggested Cable Color</th> </tr> </thead> <tbody> <tr><td>1</td><td>BN</td></tr> <tr><td>2</td><td>BU</td></tr> <tr><td>3</td><td>WH</td></tr> <tr><td>4</td><td>GN</td></tr> <tr><td>5</td><td>PK</td></tr> <tr><td>6</td><td>YE</td></tr> <tr><td>7</td><td>BK</td></tr> <tr><td>8</td><td>GY</td></tr> <tr><td>9</td><td>RD</td></tr> <tr><td>10</td><td>VT</td></tr> <tr><td>11</td><td>GY/PK</td></tr> <tr><td>12</td><td>RD/BU</td></tr> </tbody> </table>	12-pin M12 Male	Suggested Cable Color	1	BN	2	BU	3	WH	4	GN	5	PK	6	YE	7	BK	8	GY	9	RD	10	VT	11	GY/PK	12	RD/BU
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